

Ring Launcher Accessory

EM-8662

Equipment

Ring Launcher Accessory Includes:

Copper Ring, 2.5 cm inside diameter, 2.5 cm long, 48.6 g

Split Aluminum Ring, 2.5 cm I.D., 2.4 cm long, 12.9 g

Small Aluminum Ring, 2.5 cm I.D., 1.2 cm long, 6.8 g

Induction Coil and Bulb: Tungsten filament light bulb in a plastic holding base (6.5 by 4 cm) with a copper induction coil

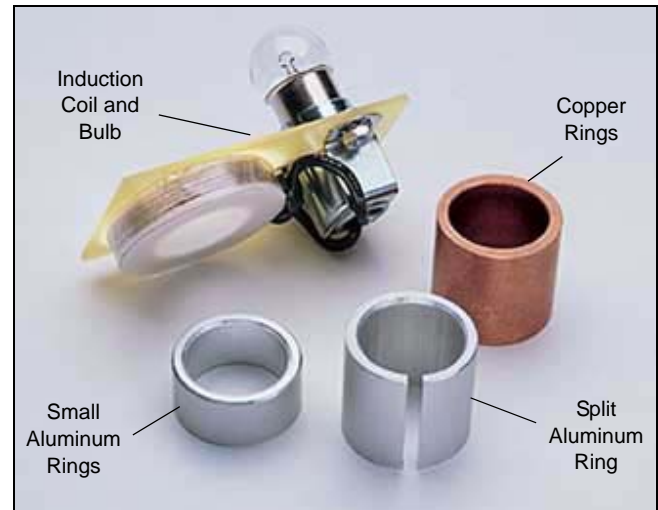
Recommended

Ring Launcher: EM-8661, includes the following:

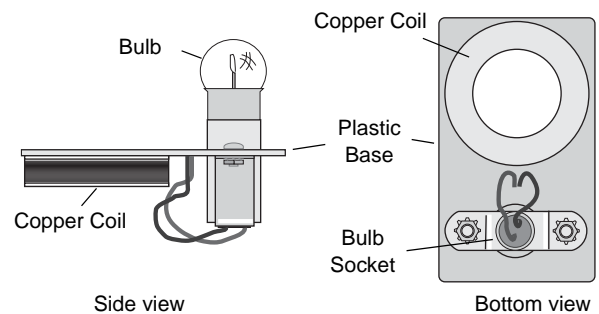
- Ring Launcher
- Aluminum Rings (2): 2.5 cm inside diameter, 2.4 cm length, 12.9 g

Introduction

The EM-8662 Ring Launcher Accessory includes three non-magnetic metal rings, and an induction coil attached to a light bulb. These accessories are designed to be used with the EM-8661 Ring Launcher for demonstrating electromagnetic induction and magnetic force. The rings slide over the iron rod of the Ring Launcher, and, when the launch switch on the Ring Launcher is pushed down, the rings “jump” to different heights. The split aluminum ring is used to demonstrate what happens if there is not a complete conductive path. When the coil of the induction coil and bulb is placed around the iron rod, the bulb lights while the launch switch on the Ring Launcher is held down momentarily.



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Induction Coil and Bulb

Setup

- Follow the instructions and safety reminders described in the EM-8661 Ring Launcher Instruction Sheet.

WARNING: Do not immerse the rings or the induction coil and bulb into water before using the Ring Launcher. Also, do not use the rings or the induction coil and bulb around water or with wet hands.

CAUTION: To prevent the rings from hitting other objects or people, allow a one meter radius of space around the Ring Launcher and a two meter distance above the Ring Launcher.

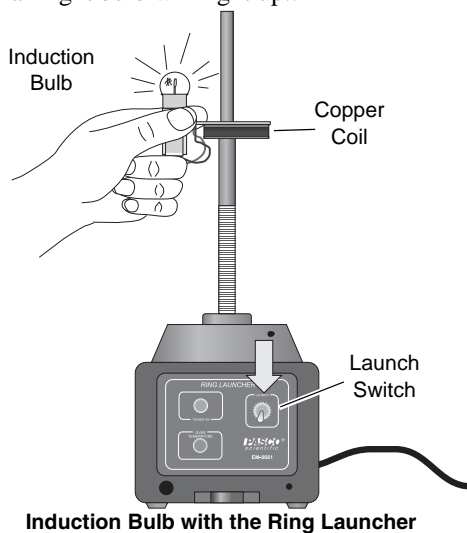
WARNING: Do not place your face or any part of your body directly over the top of the iron rod or anywhere in the launch path.

Using the Induction Coil and Bulb

When used with the EM-8661 Ring Launcher, the Induction Coil and Bulb allows you to show how voltage induced from the copper coil on the launcher can light the bulb.

Hold the plastic base of the induction bulb over the iron rod so that the copper coil on the plastic base is near the copper coil on the Ring Launcher. While holding the induction bulb near the copper coil, use the other hand to briefly hold down the Launch Switch.

- The small light bulb will light up..



Technical Support

For assistance with any PASCO product, contact PASCO at:

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For the latest information about the EM-8662 Ring Launcher Accessory, go to the PASCO web site and enter EM-8662 in the Search window.

Limited Warranty For a description of the product warranty, see the PASCO catalog.

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Product End of Life Disposal Information

This electronic product is subject to disposal and recycling regulations that vary by country and region. It is your responsibility to recycle your electronic equipment per your local environmental laws and regulations to ensure that it will be recycled in a manner that protects human health and the environment. To find out where you can drop off your waste equipment for recycling, please contact your local waste recycle/disposal service, or the product representative.

The European Union WEEE (Waste Electrical and Electronic Equipment) symbol and on the product or on its packaging indicates that this product must not be disposed of in a standard waste container.

